BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 2000000.00

Name of Work: Estimate for Providing and Fixing New Street Signage Boards in Ward No. 08, Kodigehalli Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 138 / Item No. 19.1/ PWD SR 2014-15	cum							
			252	0.6	0.6	0.80	**72.57**	75.60	5486.00
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	**75.60**							
2	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
				Vide Item No. 1			**72.57**	73.57	5339.00
	Average weight of earth 1.28 tonne / kg for 2x1.28x2.00=5.12	5.12							
	Add loading and unloading charges Vide item no.17.1 P.no.130	63.00							
		68.12							
	Area Weightage @ 8%	5.45							
	Total	**73.57**							
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregares @ 0.465 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. No. 12/ Item No. 4.2/ PWD SR 2014-15	Cum							
	for Sign Boards		252	0.60	0.60	0.20	18.14		
							18.14	5064.12	91883.00
	Basic Rate	4689.00							
	Area Weightage @ 8%	375.12							
	Total	**5064.12**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of **mix M20 with OPC cement @ 300 kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, **No. 12/ Item No. 4.5/ PWD SR 2014-15**	Cum							
	for Sign Boards		252	0.60	0.60	0.60	54.43		
							54.43	5852.52	318564.00
	Basic Rate	5419.00							
	Area Weightage @ 8%	433.52							
	Total	**5852.52**							
5	Supplying of MS steel name boards as per approved design and specification complete with all leads and lifts as per the direction of the Engineer-in-charge of the work (Data rate approved)	No							
			252				252.00		
							252.00	5203.00	1311156.00
6	KSRB- 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (**Item No. 15.74, P. 117/ PWD SR 2014-15)**	sqm							
	sides of face board	2	252	0.45	0.45		51.03		
	cylindrical pole	1	252	2.40	0.31		189.90		
	side of board, alround	1	252	1.80	0.05		22.68		
							263.61	82.08	21637.00
	Basic Rate	76.00							
	Area Weightage @ 8%	6.08							
	Total	**82.08**							
7	KSRB- 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, laour complete as per specifications. (**Item No. 15.73, P. 117/ PWD SR 2014-15)**	sqm							
	Quantity vide item no. 6						263.61		
							263.61	28.08	7402.00
	Basic Rate	26.00							
	Area Weightage @ 8%	2.08							
	Total	**28.08**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRRB M800-11.1: Painting lines, dashes, arrows etc, on roads in two coats on new work :- painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at the and traffic control complete as per specification, i) over 10 cm in width, MORTH specification No. 803, **No. 178 / Item No. 24.11 / PWD SR 2014-15**	Sqm							
	Sign Boards		2x320	1.60		0.65	665.60		
			2x320	1.00		0.60	384.00		
		No					1049.60	116.64	122425.00
	Basic Rate	108.00					10	8100	81000
	Area Weightage @ 8%	8.64							
	Total	**116.64**							
7	KSRRB M800-9: Painting new letter and figures of any shade with synthetic enamel paint block or any other approved colour to give an even shade complete as per specification, ("ii) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) MORTH specification No. 803, **No. 178 / Item No. 24.9 / PWD SR 2014-15**	Cm		750			132300		
			252	70000			70000		132300
							70000	0.70	49140.00
	Basic Rate	0.65				189000			
	Area Weightage @ 8%	0.05							
	Total	**0.70**							
									1974736
8	Sub Total								1977972.00
									19743.36
9	QC Charges @ 1%								19780.00
									5516.29
10	Miscellaneous charges								2248.00
								Total	2000000.00

(Rupees Twenty Lakhs Only)

Providing & fixing new ornamental name baards (Providing & fixing of ornamental name boards of size 2.10 X 0.50 m) & 2 column of size 0.15 X 0.15 m of height 1.23 m each boards of CC 1:1.5:3 with necessary centering & form work, Smooth finishing with reinforcement etc., including fabrication charges, painting letters (Bangalore Mahanagara palike, Ward No & BBMP Emblum) Earthwork excava tion, conveying & transportation charges from manufacturing yard to the work site loading & unloading & any incidental charges & as per the drawing & specifications & directions of the EIC of work (Approved data/rate enclosed).

Administrative Sanction for Rs 2000000=00 Rupees Twenty lakhs only is accorded under head P-1771 registered to conditions contained therein. Subject No: 1132/14-15 04-12-2014 AE/JE EE (BTP. Div.)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15.
3 This work included under 2014-15 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer

D. K. Madhu
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Technical Sanction for Rs 2000000=00 Rupees Twenty lakhs only P-1771 Registered as EE No: 49 22/12/14 Subject to conditions contained enclosed memo. No: 261 Dt. 22/12/14. AE/JE EE (BTP.Div.)

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division